***Day 6 task***

### ***Write a Python script to merge two Python dictionaries***

d1 = {'Mahesh': 10, 'suresh': 23}

d2 = {'Ramesh': 41, 'Jayesh': 64}

d = d1.copy()

d.update(d2)

print(d)

***Output:-***

{'Mahesh': 10, 'suresh': 23, 'Ramesh': 41, 'Jayesh': 64}

### ***2) Write a Python program to remove a key from a dictionary***

M = {'2':4,'4':8,'9':6,'1':3}

print(M)

if '9' in M:

del M['9']

print(M)

***Output:-***

{'2': 4, '4': 8, '9': 6, '1': 3}

{'2': 4, '4': 8, '1': 3}

### ***3) Write a Python program to map two lists into a dictionary***

Carname = ['oddi', 'ferrari', 'BMW', 'Mulsidice']

Cost= ['1000000','2000000', '3000000', '5000000']

Car\_cost = dict(zip(Carname, Cost))

print(Car\_cost)

***Output:-***

{'oddi': '1000000', 'ferrari': '2000000', 'BMW': '3000000', 'Mulsidice': '5000000'}

### ***4) Write a Python program to find the length of a set***

Mi ={'Rohit sharma','hardik pandya','krunal pandya','ishan kishan','Suryakumar yadav','dhaval kulkarni',

'kieron pollard'

print("number of Mi team player in Set is :",len(Mi ))

***Output:-***

Number of Mi team player is : 7

### ***5) Write a Python program to remove the intersection of a 2nd set from the 1st sets***

P1={19,20,12,45,10,29,48,69,13,14,121}

P2={19,20,12,11,30,40,65,45}

print(P1.intersection(P2))

***Output:-***

{20, 19, 12, 45}